

Serial No. 08/913,976

IN THE CLAIMS:

22. - 34. (Canceled)

35. (Allowed) An agricultural spray oil including an oil soluble basic compound selected from the group consisting of (a) an overbased sulphonate; (b) an overbased phenate; and (c) an alkyl-amine and a UV deactivator selected from the group consisting of a zinc diamyldithio carbamate; and a benzoxazole, benzotriazole or benzthiazole compound, other than the compound 2-mercaptobenzothiazole.

36. (Allowed) An additive composition for an agricultural spray oil including a base selected from the group consisting of (a) an overbased sulphonate; (b) an overbased phenate; and (c) an alkyl-amine and a UV deactivator selected from the group consisting of a zinc diamyldithio carbamate; and a benzoxazole, benzotriazole or benzthiazole compound, other than the compound 2-mercaptobenzothiazole.

37. (Allowed) The additive composition of claim 36, having an oil portion of a C₁₅-C₃₅ light paraffinic petroleum-derived oil or C₁₅-C₃₅ light naphthenic-derived oil and an emulsifying surfactant.

38. (Currently Amended) ~~An agricultural spray oil as claimed in Claim 27~~ The method of claim 44, wherein the oil portion ~~carrier~~ is a C₁₅ to C₃₅ light paraffinic petroleum-derived oil or a C₁₅ to C₃₅ light naphthenic petroleum-derived oil.

Serial No. 08/913,976

39. (Currently Amended) ~~An agricultural spray oil as claimed in Claim 38~~ The method of claim 38, wherein the light paraffinic oil or light naphthenic oil is:

- (a) chemically neutralized;
- (b) clay treated;
- (c) solvent refined; or
- (d) hydro-treated.

40. (Currently Amended) ~~An agricultural spray oil as claimed in Claim 27~~ The method of claim 44, further including the steps of adding an emulsifying surfactant.

41. (Currently Amended) ~~An agricultural spray oil as claimed in Claim 40~~ The method of claim 40, wherein the surfactant is a nonionic surfactant and is added at about 0.5 wt% to 20.0 wt% total of the oil.

42. (Allowed) An agricultural spray oil as claimed in Claim 35, having an oil portion that is a C₁₅ to C₃₅ light paraffinic petroleum-derived oil or C₁₅ to C₃₅ light naphthenic-derived oil, and an emulsifying surfactant.

43. (Canceled)

44. (New) A method for applying an agricultural spray with reduced phytotoxicity properties to a plant, comprising the steps of:

adding an oil soluble UV absorber to an oil carrier;

the oil soluble UV absorber consisting essentially of a benzoxazole, benzotriazole or benzthiazole compound in an amount sufficient to reduce oil photooxidation and phytotoxicity of the oil carrier; and

applying the agricultural spray to the plant.